

# WEST Search History

DATE: Friday, March 14, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u> result set	<u>Set Name</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L18	L15 and tick	33	L18
L17	L15 and anaplasmosis	5	L17
L16	L15 and marginale	9	L16
L15	l13 or L14	321	L15
L14	((424/191.1 )!.CCLS. )	170	L14
L13	((424/265.1 )!.CCLS. )	184	L13
L12	L11 and vaccin?	24	L12
L11	l7 and marginale	34	L11
L10	l7 and surface protein antigen	3	L10
L9	L7	125	L9
L8	L7 and msp1a	3	L8
L7	anaplasmosis	125	L7
L6	blouin-edmour-f.in.	3	L6
L5	garcia-jose-carlos.in.	0	L5
L4	garcia garcia-jose-carlos.in.	0	L4
L3	kocan-katherine-m.in.	3	L3
L2	fuente-jose.in.	0	L2
L1	de la fuente-jose-de jesus.in.	0	L1

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 20 of 24 returned.

## □ 1. Document ID: US 20020127242 A1

L12: Entry 1 of 24

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127242  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020127242 A1

TITLE: Immunoprotective recombinant antigen from anaplasma marginale, vaccine compositions and methods of use

PUBLICATION-DATE: September 12, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
de la Fuente, Jose de Jesus	Stillwater	OK	US	
Kocan, Katherine M.	Perkins	OK	US	
Garcia-Garcia, Jose Carlos	Stillwater	OK	US	
Blouin, Edmour F.	Perkins	OK	US	

US-CL-CURRENT: 424/191.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [ISMC](#) | [Print Page](#) | [Image](#)

## □ 2. Document ID: US 20020019353 A1

L12: Entry 2 of 24

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019353  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020019353 A1

TITLE: Use of azalide antibiotic compositions for treating or preventing a bacterial or protozoal infection in mammals

PUBLICATION-DATE: February 14, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canning, Peter Connor	Terre Haute	IN	US	
Boettner, Wayne Alan	Noank	CT	US	

US-CL-CURRENT: 514/28

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [ISMC](#) | [Print Page](#) | [Image](#)

## □ 3. Document ID: US 6376236 B1

L12: Entry 3 of 24

File: USPT

Apr 23, 2002

US-PAT-NO: 6376236

DOCUMENT-IDENTIFIER: US 6376236 B1

TITLE: Recombinant alphavirus particles

DATE-ISSUED: April 23, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Ibanez; Carlos E.	San Diego	CA		
Driver; David A.	San Diego	CA		

US-CL-CURRENT: 435/320.1[Full](#) | [Title](#) | [Edition](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Draw](#) | [Text](#) | [Image](#) 4. Document ID: US 6342372 B1

L12: Entry 4 of 24

File: USPT

Jan 29, 2002

US-PAT-NO: 6342372

DOCUMENT-IDENTIFIER: US 6342372 B1

TITLE: Eukaryotic layered vector initiation systems for production of recombinant proteins

DATE-ISSUED: January 29, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Driver; David A.	San Diego	CA		

US-CL-CURRENT: 435/69.1; 435/455, 536/23.2, 536/23.72, 536/24.1[Full](#) | [Title](#) | [Edition](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Draw](#) | [Text](#) | [Image](#) 5. Document ID: US 6242571 B1

L12: Entry 5 of 24

File: USPT

Jun 5, 2001

US-PAT-NO: 6242571

DOCUMENT-IDENTIFIER: US 6242571 B1

TITLE: Serological identification of cattle, sheep or goats infected with anaplasma species

DATE-ISSUED: June 5, 2001

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knowles; Donald P.	Pullman	WA	99163	
McGuire; Travis C.	Pullman	WA	99163	
Palmer; Guy H.	Pullman	WA	99163	
Davis; William C.	Pullman	WA	99163	
McElwain; Terry F.	Pullman	WA	99163	

US-CL-CURRENT: 530/350; 530/822, 536/23.7

[Full](#) | [Title](#) | [Creation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

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6. Document ID: US 6015694 A

L12: Entry 6 of 24

File: USPT

Jan 18, 2000

US-PAT-NO: 6015694

DOCUMENT-IDENTIFIER: US 6015694 A

TITLE: Method for stimulating an immune response utilizing recombinant alphavirus particles

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Chang; Steven M.W.	San Diego	CA		
Jolly; Douglas J.	Leucadia	CA		

US-CL-CURRENT: 435/69.3; 424/199.1, 424/204.1, 424/228.1, 424/234.1, 424/265.1,  
424/274.1, 424/277.1, 536/23.5, 536/23.7 , 536/23.72

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7. Document ID: US 6015686 A

L12: Entry 7 of 24

File: USPT

Jan 18, 2000

US-PAT-NO: 6015686

DOCUMENT-IDENTIFIER: US 6015686 A

TITLE: Eukaryotic layered vector initiation systems

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Jolly; Douglas J.	Leucadia	CA		
Driver; David A.	San Diego	CA		

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/410, 435/455, 435/456, 536/23.5,  
536/23.72, 536/24.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Front](#) | [Drawn Desc](#) | [Image](#)**□ 8. Document ID: US 5869335 A**

L12: Entry 8 of 24

File: USPT

Feb 9, 1999

US-PAT-NO: 5869335

DOCUMENT-IDENTIFIER: US 5869335 A

TITLE: Method of growing rickettsiae in Ixodes scapularis tick cell culture and preparing antigens and vaccines of rickettsiae

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Munderloh; Ulrike G.	Falcon Heights	MN		
Kurtti; Timothy J.	Falcon Heights	MN		
Kocan; Katherine M.	Stillwater	OK		
Blouin; Edmour F.	Stillwater	OK		
Ewing; Sidney A.	Stillwater	OK		

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374,  
435/395, 435/400[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Front](#) | [Drawn Desc](#) | [Image](#)**□ 9. Document ID: US 5843723 A**

L12: Entry 9 of 24

File: USPT

Dec 1, 1998

US-PAT-NO: 5843723

DOCUMENT-IDENTIFIER: US 5843723 A

TITLE: Alphavirus vector constructs

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Ibanez; Carlos E.	San Diego	CA		
Chang; Stephen M. W.	San Diego	CA		
Jolly; Douglas J.	Leucadia	CA		
Driver; David A.	San Diego	CA		
Belli; Barbara A.	San Diego	CA		

US-CL-CURRENT: 435/69.3; 435/235.1, 435/320.1, 435/325[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Front](#) | [Drawn Desc](#) | [Image](#)**□ 10. Document ID: US 5814482 A**

L12: Entry 10 of 24

File: USPT

Sep 29, 1998

US-PAT-NO: 5814482

DOCUMENT-IDENTIFIER: US 5814482 A

TITLE: Eukaryotic layered vector initiation systems

DATE-ISSUED: September 29, 1998

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA	92067	
Polo; John M.	San Diego	CA	92109	
Jolly; Douglas J.	Leucadia	CA	92024	
Driver; David A.	San Diego	CA	92117	

US-CL-CURRENT: 435/69.3; 435/320.1, 536/23.1, 536/24.1

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Word</a>	<a href="#">Draw</a>	<a href="#">Image</a>
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 11. Document ID: US 5798219 A

L12: Entry 11 of 24

File: USPT

Aug 25, 1998

US-PAT-NO: 5798219

DOCUMENT-IDENTIFIER: US 5798219 A

TITLE: Serological identification of cattle, sheep or goats infected with anaplasma species

DATE-ISSUED: August 25, 1998

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knowles; Donald P.	Pullman	WA		
McGuire; Travis C.	Pullman	WA		
Palmer; Guy H.	Pullman	WA		
Davis; William C.	Pullman	WA		
McElwain; Terry F.	Pullman	WA		

US-CL-CURRENT: 435/7.93; 435/340, 435/70.21, 530/388.4

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Word</a>	<a href="#">Draw</a>	<a href="#">Image</a>
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 12. Document ID: US 5789245 A

L12: Entry 12 of 24

File: USPT

Aug 4, 1998

US-PAT-NO: 5789245

DOCUMENT-IDENTIFIER: US 5789245 A

TITLE: Alphavirus structural protein expression cassettes

DATE-ISSUED: August 4, 1998

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dubensky, Jr.; Thomas W.	Rancho Sante Fe	CA		
Polo; John M.	San Diego	CA		
Ibanez; Carlos E.	San Diego	CA		
Chang; Stephen M. W.	San Diego	CA		
Jolly; Douglas J.	Leucadia	CA		
Driver; David A.	San Diego	CA		

US-CL-CURRENT: 435/320.1; 435/325, 435/69.1, 536/23.72

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13. Document ID: US 5549898 A

L12: Entry 13 of 24

File: USPT

Aug 27, 1996

US-PAT-NO: 5549898

DOCUMENT-IDENTIFIER: US 5549898 A

TITLE: Immunogenic anaplasma marginale surface antigens, compositions, and methods of use

DATE-ISSUED: August 27, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McGuire; Travis C.	Pullman	WA	99163	
Palmer; Guy H.	Pullman	WA	99163	
Barbet; Anthony F.	Archer	FL	32618	
Davis; William C.	Pullman	WA	99163	

US-CL-CURRENT: 424/269.1; 424/265.1, 424/266.1, 424/270.1

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14. Document ID: US 4956278 A

L12: Entry 14 of 24

File: USPT

Sep 11, 1990

US-PAT-NO: 4956278

DOCUMENT-IDENTIFIER: US 4956278 A

TITLE: Anaplasma marginale antigen, antigen compositions, vaccine and process for the production of said antigen, antigen compositions and vaccine

DATE-ISSUED: September 11, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hart; Lewis T.	Baton Rouge	LA		
Luther; Donald G.	Baton Rouge	LA		
Todd; William J.	Baton Rouge	LA		

US-CL-CURRENT: 435/30; 435/243, 435/245, 435/252.1, 435/259, 435/261, 435/29, 435/4, 435/41, 435/71.1, 435/71.2, 435/808, 435/947, 530/412, 530/414, 530/418, 530/420, 530/829

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [View | Draw Desc | Image]

15. Document ID: US 4329331 A

L12: Entry 15 of 24

File: USPT

May 11, 1982

US-PAT-NO: 4329331

DOCUMENT-IDENTIFIER: US 4329331 A

TITLE: Diagnostic method for detection of systemic lupus erythematosus

DATE-ISSUED: May 11, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kallick; Charles A.	Lemont	IL	60439	

US-CL-CURRENT: 435/7.22, 422/57, 435/252.1, 435/30, 435/4, 435/947, 436/506,  
436/543, 530/389.1, 530/868

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [View | Draw Desc | Image]

16. Document ID: US 3674860 A

L12: Entry 16 of 24

File: USPT

Jul 4, 1972

US-PAT-NO: 3674860

DOCUMENT-IDENTIFIER: US 3674860 A

TITLE: ANAPLASMOSIS VACCINES

DATE-ISSUED: July 4, 1972

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Welter; Clarence J.	Des Moines	IA		
Ristic; Miodrag	Urbana	IL		

US-CL-CURRENT: 424/269.1

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [View | Draw Desc | Image]

17. Document ID: US 3616202 A

L12: Entry 17 of 24

File: USPT

Oct 26, 1971

US-PAT-NO: 3616202

DOCUMENT-IDENTIFIER: US 3616202 A

TITLE: CULTURE OF ANAPLASMA MARGINALE

DATE-ISSUED: October 26, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marble, Donald Wayne	Sparks	NV		

US-CL-CURRENT: 435/325; 424/234.1, 435/252.1, 435/405, 435/408

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18. Document ID: US 20020127242 A1 WO 200236159 A2 AU 200230879 A

L12: Entry 18 of 24

File: DWPI

Sep 12, 2002

DERWENT-ACC-NO: 2002-508110

DERWENT-WEEK: 200262

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TITLE: New vaccine for inducing an immune response in a ruminant to provide protection against e.g. anaplasmosis, which is a tick-borne disease of cattle, comprises recombinant major surface protein antigens of Anaplasma marginale

INVENTOR: BLOUIN, E F; DE LA FUENTE, J D J ; GARCIA-GARCIA, J C ; KOCAN, K M

PRIORITY-DATA: 2000US-244333P (October 30, 2000), 2001US-0002636 (October 26, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020127242 A1	September 12, 2002		000	A61K039/02
WO 200236159 A2	May 10, 2002	E	030	A61K039/02
AU 200230879 A	May 15, 2002		000	A61K039/02

INT-CL (IPC): A61 K 39/02; A61 P 31/04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Image](#) | [Draw Desc](#)

19. Document ID: WO 9708296 A1 MX 9801510 A1 AU 9668559 A US 5869335 A BR 9610681 A

L12: Entry 19 of 24

File: DWPI

Mar 6, 1997

DERWENT-ACC-NO: 1997-179253

DERWENT-WEEK: 2000019

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TITLE: Culturing rickettsiae in Ixodes scapularis tick cell cultures - providing high yields of antigenic materials for use in diagnosis and vaccines, esp. to protect cattle against Anaplasma marginale

INVENTOR: BLOUIN, E F; EWING, S A ; KOCAN, K M ; KURTTI, T J ; MUNDERLOH, U G

PRIORITY-DATA: 1995US-0519599 (August 25, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9708296 A1	March 6, 1997	E	091	C12N005/06
MX 9801510 A1	October 1, 1998		000	C12N005/06
AU 9668559 A	March 19, 1997		000	C12N005/06
US 5869335 A	February 9, 1999		000	C12N001/00
BR 9610681 A	August 3, 1999		000	C12N005/06

INT-CL (IPC) : A61 K 39/00; C07 K 14/29; C07 K 14/45; C12 N 1/00; C12 N 5/06; C12 P 21/00

[Full](#) | [Title](#) | [Citation](#) | [From](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Base](#) | [Image](#)

20. Document ID: AU 8930182 A BR 8900803 A US 4956278 A

L12: Entry 20 of 24

File: DWPI

Aug 24, 1989

DERWENT-ACC-NO: 1989-300720

DERWENT-WEEK: 198942

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TITLE: Anaplasma marginale antigen for use as vaccine - isolated free of erythrocyte antigens so as to prevent neonatal isoerythrolysis in offspring of vaccinated animals

PRIORITY-DATA: 1988US-0159394 (February 23, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 8930182 A	August 24, 1989		024	
BR 8900803 A	October 17, 1989		000	
US 4956278 A	September 11, 1990		000	

INT-CL (IPC): A61K 39/04; C07K 3/12; C12N 1/20; C12P 21/00; C12Q 1/24

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Term	Documents
VACCIN?	0
VACCINA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	299
VACCINC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
VACCINE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	30956
VACCING.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
VACCINI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
VACCINO.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
VACCINS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	183
(11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24
(L11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24

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## Search Results - Record(s) 21 through 24 of 24 returned.

21. Document ID: EP 196290 A JP 61227599 A AU 8655039 A DK 8601388 A ZA  
8602185 A PT 82263 A ES 8800052 A CA 1272124 A

L12: Entry 21 of 24

File: DWPI

Oct 1, 1986

DERWENT-ACC-NO: 1986-259712

DERWENT-WEEK: 199736

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TITLE: Anaplasma marginale sub-unit antigens - useful for vaccination and diagnosis

INVENTOR: BARBET, A F; DAVIS, W C ; MCGUIRE, T C ; PALMER, G H

PRIORITY-DATA: 1985US-0761178 (July 31, 1985), 1985US-0715528 (March 25, 1985)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 196290 A	October 1, 1986	E	032	
JP 61227599 A	October 9, 1986		000	
AU 8655039 A	October 2, 1986		000	
DK 8601388 A	September 26, 1986		000	
ZA 8602185 A	December 29, 1986		000	
PT 82263 A	May 6, 1987		000	
ES 8800052 A	January 1, 1988		000	
CA 1272124 A	July 31, 1990		000	

INT-CL (IPC): A61K 39/02; C07K 15/00; C12P 21/00; G01N 33/56

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22. Document ID: US 3674860 A

L12: Entry 22 of 24

File: DWPI

DERWENT-ACC-NO: 1972-46805T

DERWENT-WEEK: 197229

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TITLE: Anaplasmosis vaccine - for protection of cattle

PRIORITY-DATA: 1969US-0841597 (July 14, 1969), 1966US-0576545 (September 1, 1966)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 3674860 A			000	

INT-CL (IPC): A61K 23/00

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23. Document ID: ZA 6803084 A AU 6837973 A

L12: Entry 23 of 24

File: DWPI

DERWENT-ACC-NO: 1967-04749H

DERWENT-WEEK: 196800

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TITLE: Anaplasmosis vaccines

PRIORITY-DATA: 1968ZA-0683084 (May 14, 1968), 1968ZA-0003084 (May 14, 1968)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ZA 6803084 A			000	
AU 6837973 A			000	

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L12: Entry 24 of 24

File: DWPI

DERWENT-ACC-NO: 1966-35705F

DERWENT-WEEK: 196800

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TITLE: Anaplasmosis vaccines

PRIORITY-DATA: 1968ZA-0683084 (May 14, 1968), 1968ZA-0003084 (May 14, 1968)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ZA 6803084 A			000	
AU 6837973 A			000	
GB 1186636 A			000	

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Term	Documents
VACCIN?	0
VACCINA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	299
VACCINC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
VACCINE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	30956
VACCING.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
VACCINI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
VACCINO.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
VACCINS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	183
(11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24
(L11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24

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## Search Results - Record(s) 1 through 20 of 33 returned.

## □ 1. Document ID: US 20020187160 A1

L18: Entry 1 of 33

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020187160  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020187160 A1

TITLE: Vaccine delivery system

PUBLICATION-DATE: December 12, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stein, Daniel C.	Silver Spring	MD	US	
Stover, Charles K.	Mercer Island	WA	US	

US-CL-CURRENT: 424/186.1; 424/190.1; 424/191.1[Full](#) | [Title](#) | [Citation](#) | [Fison](#) | [Revised](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Desc](#) | [Image](#)

## □ 2. Document ID: US 20020160017 A1

L18: Entry 2 of 33

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020160017  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020160017 A1

TITLE: Malaria vaccine

PUBLICATION-DATE: October 31, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holder, Anthony	London		GB	
Birdsall, Berry	London		GB	
Feeney, James	London		GB	
Morgan, William	London		GB	
Syed, Shabih	London		GB	
Uthaipibull, Chairat	Bangkok		TH	

US-CL-CURRENT: 424/191.1; 435/189, 435/7.3, 514/44, 536/23.2[Full](#) | [Title](#) | [Citation](#) | [Fison](#) | [Revised](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Desc](#) | [Image](#)

## □ 3. Document ID: US 20020127242 A1

L18: Entry 3 of 33

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127242  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020127242 A1

TITLE: Immunoprotective recombinant antigen from anaplasma marginale, vaccine compositions and methods of use

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
de la Fuente, Jose de Jesus	Stillwater	OK	US	
Kocan, Katherine M.	Perkins	OK	US	
Garcia-Garcia, Jose Carlos	Stillwater	OK	US	
Blouin, Edmour F.	Perkins	OK	US	

US-CL-CURRENT: 424/191.1

[Full](#) | [File](#) | [Citation](#) | [Print](#) | [Review](#) | [Classification](#) | [Date](#) | [References](#) | [Sequences](#) | [Attachments](#) | [Image](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20020064533 A1

L18: Entry 4 of 33

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020064533  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020064533 A1

TITLE: HBV core antigen particles with multiple immunogenic components attached via peptide ligands

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Murray, Kenneth	Edinburgh		GB	

US-CL-CURRENT: 424/227.1, 424/204.1, 424/211.1, 424/212.1, 424/217.1, 424/218.1,  
424/226.1, 424/232.1, 424/234.1, 424/239.1, 424/240.1, 424/247.1, 424/248.1,  
424/256.1, 424/258.1, 424/265.1, 424/275.1, 530/327, 530/328

[Full](#) | [File](#) | [Citation](#) | [Print](#) | [Review](#) | [Classification](#) | [Date](#) | [References](#) | [Sequences](#) | [Attachments](#) | [Image](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 6482415 B1

L18: Entry 5 of 33

File: USPT

Nov 19, 2002

US-PAT-NO: 6482415  
 DOCUMENT-IDENTIFIER: US 6482415 B1

TITLE: Expression and refolding of truncated recombinant major outer membrane protein antigen (r56) of Orientia tsutsugamushi and its use in antibody based detection assays and vaccines

DATE-ISSUED: November 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ching; Wei-Mei	Bethesda	MD		
Kelly; Daryl J.	Newark	OH		
Dasch; Gregory A.	Stone Mountain	GA		

US-CL-CURRENT: 424/234.1; 424/185.1, 424/191.1, 530/300, 530/350
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
[Print](#) | [Draw Desc](#) | [Image](#)

## □ 6. Document ID: US 6451315 B1

L18: Entry 6 of 33

File: USPT

Sep 17, 2002

US-PAT-NO: 6451315

DOCUMENT-IDENTIFIER: US 6451315 B1

TITLE: Compounds and methods for the diagnosis and treatment of *B. microti* infection

DATE-ISSUED: September 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reed; Steven G.	Bellevue	WA		
Lodes; Michael J.	Seattle	WA		
Houghton; Raymond L.	Bothell	WA		
Sleath; Paul R.	Seattle	WA		
McNeill; Patricia D.	Des Moines	WA		

US-CL-CURRENT: 424/191.1; 424/184.1, 424/185.1, 424/192.1, 424/265.1, 424/270.1,  
435/69.3, 435/69.7, 435/7.1, 435/7.22, 435/71.1, 514/44, 530/350, 530/822
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
[Print](#) | [Draw Desc](#) | [Image](#)

## □ 7. Document ID: US 6432407 B1

L18: Entry 7 of 33

File: USPT

Aug 13, 2002

US-PAT-NO: 6432407

DOCUMENT-IDENTIFIER: US 6432407 B1

TITLE: Antigenic protein originating in malassezia

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takesako; Kazutoh	Otsu			JP
Okado; Takashi	Soraku-gun			JP
Yagihara; Tomoko	Hikone			JP
Kuroda; Masanobu	Otsu			JP
Onishi; Yoshimi	Kyoto			JP
Kato; Ikuunoshin	Uji			JP
Akiyama; Kazuo	Kawasaki			JP
Yasueda; Hiroshi	Sagamihara			JP
Yamaguchi; Hideyo	Kawasaki			JP

US-CL-CURRENT: 424/184.1; 424/185.1, 424/191.1, 424/265.1, 424/275.1, 424/276.1,  
424/278.1, 530/300, 530/324, 530/325, 530/326, 530/327, 530/328, 530/329, 530/350,  
530/361, 530/858

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Draw Desc](#) | [Image](#)

8. Document ID: US 6406900 B1

L18: Entry 8 of 33

File: USPT

Jun 18, 2002

US-PAT-NO: 6406900

DOCUMENT-IDENTIFIER: US 6406900 B1

TITLE: Flea protease proteins, nucleic acid molecules and uses thereof

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Shirley Wu	Ft. Collins	CO		
Stiegler; Gary L.	Ft. Collins	CO		
Gaines; Patrick J.	Ft. Collins	CO		

US-CL-CURRENT: 435/212; 424/265.1, 530/350, 530/858

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Draw Desc](#) | [Image](#)

9. Document ID: US 6403093 B1

L18: Entry 9 of 33

File: USPT

Jun 11, 2002

US-PAT-NO: 6403093

DOCUMENT-IDENTIFIER: US 6403093 B1

TITLE: Methods to detect granulocytic ehrlichiosis

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Persing; David H.	Rochester	MN		
Bruinsma; Elizabeth S.	Rochester	MN		

US-CL-CURRENT: 424/184.1; 424/136.1, 424/185.1, 424/190.1, 424/191.1, 424/192.1,  
424/234.1, 424/241.1, 435/69.1, 435/69.3, 530/300, 530/350, 530/380, 530/387.1,

530/388.4, 530/388.7, 530/827[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Deco](#) | [Image](#)**□ 10. Document ID: US 6355777 B1**

L18: Entry 10 of 33

File: USPT

Mar 12, 2002

US-PAT-NO: 6355777

DOCUMENT-IDENTIFIER: US 6355777 B1

TITLE: P43 antigen for the immunodiagnosis of canine ehrlichiosis and uses thereof

DATE-ISSUED: March 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Walker; David H.	Galveston	TX		
McBride; Jere W.	Galveston	TX		

US-CL-CURRENT: 530/350; 424/184.1, 424/185.1, 424/190.1, 424/191.1, 424/192.1,  
424/206.1, 424/234.1, 424/265.1, 435/41, 435/70.1, 435/71.1, 435/91.1, 530/300,  
536/23.1, 536/23.7[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Deco](#) | [Image](#)**□ 11. Document ID: US 6306396 B1**

L18: Entry 11 of 33

File: USPT

Oct 23, 2001

US-PAT-NO: 6306396

DOCUMENT-IDENTIFIER: US 6306396 B1

TITLE: Compounds and methods for the diagnosis and treatment of B. microti infection

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reed; Steven G.	Bellevue	WA		
Lodes; Michael J.	Seattle	WA		
Houghton; Raymond	Bothell	WA		
Sleath; Paul R.	Seattle	WA		

US-CL-CURRENT: 424/191.1; 424/192.1, 424/270.1, 530/327, 530/350[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Deco](#) | [Image](#)**□ 12. Document ID: US 6235283 B1**

L18: Entry 12 of 33

File: USPT

May 22, 2001

US-PAT-NO: 6235283

DOCUMENT-IDENTIFIER: US 6235283 B1

TITLE: DNA encoding a cell membrane glycoprotein of a tick gut

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Cobon; Gary Stewart	New South Wales				AU
Moore; Joanna Terry	Umea				SE
Johnston; Law Anthony Yorke	Capalaba				AU
Willadsen; Peter	Chapel Hill				AU
Kemp; David Harold	Upper Brookfield				AU
Sriskantha; Alagacone	Florey				AU
Riding; George Alfred	Indooroopilly				AU
Rand; Keith Norman	Frenchs Forest				AU

US-CL-CURRENT: 424/185.1; 424/191.1, 424/265.1, 514/12, 514/89, 530/300, 530/350,  
530/395, 530/858

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Word](#) | [Draw](#) | [Image](#)

13. Document ID: US 6183976 B1

L18: Entry 13 of 33

File: USPT

Feb 6, 2001

US-PAT-NO: 6183976

DOCUMENT-IDENTIFIER: US 6183976 B1

TITLE: Compounds and methods for the diagnosis and treatment of *B. microti* infection

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Reed; Steven G.	Bellevue	WA			
Lodes; Michael J.	Seattle	WA			
Houghton; Raymond	Bothell	WA			
Sleath; Paul R.	Seattle	WA			

US-CL-CURRENT: 435/7.22; 424/191.1, 424/270.1, 530/350, 530/822

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Word](#) | [Draw](#) | [Image](#)

14. Document ID: US 6090394 A

L18: Entry 14 of 33

File: USPT

Jul 18, 2000

US-PAT-NO: 6090394

DOCUMENT-IDENTIFIER: US 6090394 A

TITLE: Parasiticidal pyrazoles

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Banks; Bernard Joseph	Sandwich				GB

US-CL-CURRENT: 424/265.1; 514/341, 548/356.1, 548/371.1, 548/371.4, 548/372.5,  
548/377.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Desc](#) | [Image](#)

15. Document ID: US 6063902 A

L18: Entry 15 of 33

File: USPT

May 16, 2000

US-PAT-NO: 6063902

DOCUMENT-IDENTIFIER: US 6063902 A

TITLE: Ectoparasite histamine releasing factor, genes and uses thereof

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stiegler; Gary L.	Ft. Collins	CO		

US-CL-CURRENT: 530/350; 424/184.1, 424/185.1, 424/191.1, 424/265.1, 424/275.1,  
424/276.1, 424/278.1, 435/69.1, 435/69.3, 530/300, 530/324, 530/325, 530/326,  
530/327, 530/328, 530/329, 530/361, 530/858

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Desc](#) | [Image](#)

16. Document ID: US 6045806 A

L18: Entry 16 of 33

File: USPT

Apr 4, 2000

US-PAT-NO: 6045806

DOCUMENT-IDENTIFIER: US 6045806 A

TITLE: Babesia vaccine

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schetters; Theodorus Petrus Maria	Cuyk			NL

US-CL-CURRENT: 424/270.1; 424/265.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Print](#) | [Draw Desc](#) | [Image](#)

17. Document ID: US 6019986 A

L18: Entry 17 of 33

File: USPT

Feb 1, 2000

US-PAT-NO: 6019986

DOCUMENT-IDENTIFIER: US 6019986 A

TITLE: Parasiticidal pyrazoles

DATE-ISSUED: February 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Banks; Bernard Joseph	Sandwich			GB

US-CL-CURRENT: 424/265.1; 514/341, 546/275.4, 546/290

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Print</a>	<a href="#">Draw</a>	<a href="#">Page</a>	<a href="#">Image</a>
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 18. Document ID: US 5980911 A

L18: Entry 18 of 33

File: USPT

Nov 9, 1999

US-PAT-NO: 5980911

DOCUMENT-IDENTIFIER: US 5980911 A

TITLE: Adjuvant

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Corner; Leigh Austin	Romsey			AU
Rothel; James Stuart	Glenhuntly			AU
Seow; Heng Fong	Footscray			AU
Wood; Paul Richard	Lower Templestowe			AU
McWaters; Peter	Ivanhoe			AU

US-CL-CURRENT: 424/265.1; 424/278.1, 530/351

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Print</a>	<a href="#">Draw</a>	<a href="#">Page</a>	<a href="#">Image</a>
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 19. Document ID: US 5955359 A

L18: Entry 19 of 33

File: USPT

Sep 21, 1999

US-PAT-NO: 5955359

DOCUMENT-IDENTIFIER: US 5955359 A

TITLE: Method of growing granulocytic ehrlichiae of the *Ehrlichia phagocytophila* genogroup in promyelocytic leukemia cell culture, and preparing antigens and vaccines of said granulocytic ehrlichiae

DATE-ISSUED: September 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumler; J. Stephen	Ellicott City	MD		
Madigan; John	Woodland	CA		
Goodman; Jesse	Minneapolis	MN		

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374, 435/395

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Print</a>	<a href="#">Draw</a>	<a href="#">Page</a>	<a href="#">Image</a>
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## □ 20. Document ID: US 5928879 A

L18: Entry 20 of 33

File: USPT

Jul 27, 1999

US-PAT-NO: 5928879

DOCUMENT-IDENTIFIER: US 5928879 A

TITLE: Method of diagnosing human granulocytic Ehrlichiosis

DATE-ISSUED: July 27, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumler; J. Stephen	Ellicott City	MD		
Munderloh; Ulrike G.	Falcon Heights	MN		
Madigan; John	Woodland	CA		
Goodman; Jesse	Minneapolis	MN		
Kurtti; Timothy J.	Falcon Heights	MN		

US-CL-CURRENT: 435/7.21, 424/234.1, 424/265.1, 435/243, 435/366, 435/367, 435/372.1,  
435/40.52, 435/7.95[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Table](#) | [Detail View](#) | [Image](#)[Generate Collection](#)[Print](#)

Term	Documents
TICK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	8709
TICKS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	7216
(15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33
(L15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33

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L18: Entry 21 of 33

File: USPT

Feb 16, 1999

US-PAT-NO: 5871738

DOCUMENT-IDENTIFIER: US 5871738 A

TITLE: Nematode vaccine

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharp; Phillip John	Glebe			AU
Wagland; Barry Maxwell	Carlingford			AU

US-CL-CURRENT: 424/184.1; 424/191.1, 530/350, 530/403[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [HTML](#) | [Draw Base](#) | [Image](#) **22. Document ID: US 5869335 A**

L18: Entry 22 of 33

File: USPT

Feb 9, 1999

US-PAT-NO: 5869335

DOCUMENT-IDENTIFIER: US 5869335 A

TITLE: Method of growing rickettsiae in Ixodes scapularis tick cell culture and preparing antigens and vaccines of rickettsiae

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Munderloh; Ulrike G.	Falcon Heights	MN		
Kurtti; Timothy J.	Falcon Heights	MN		
Kocan; Katherine M.	Stillwater	OK		
Blouin; Edmour F.	Stillwater	OK		
Ewing; Sidney A.	Stillwater	OK		

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374,  
435/395, 435/400[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [HTML](#) | [Draw Base](#) | [Image](#) **23. Document ID: US 5766609 A**

L18: Entry 23 of 33

File: USPT

Jun 16, 1998

US-PAT-NO: 5766609

DOCUMENT-IDENTIFIER: US 5766609 A

TITLE: Use of protease inhibitors and protease vaccines to protect animals from flea infestation

DATE-ISSUED: June 16, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grieve; Robert B.	Windsor	CO		
Rushlow; Keith E.	Ft. Collins	CO		
Hunter; Shirley Wu	Ft. Collins	CO		
Frank; Glenn R.	Wellington	CO		
Heath; Andrew	Sheffield			GB
Yamanaka; Miles	Sacramento	CA		
Arfsten; Ann	Belmont	CA		
Dale; Beverly	Los Altos	CA		

US-CL-CURRENT: 424/265.1, 530/350, 530/858

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |  Drawn | Drawn Desc | Image

## □ 24. Document ID: US 5734035 A

L18: Entry 24 of 33

File: USPT

Mar 31, 1998

US-PAT-NO: 5734035

DOCUMENT-IDENTIFIER: US 5734035 A

TITLE: Nematode vaccine

DATE-ISSUED: March 31, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharp; Phillip John	Glebe			AU
Wagland; Barry Maxwell	Carlingford			AU

US-CL-CURRENT: 536/23.1, 424/184.1, 424/265.1, 424/93.1, 435/252.3, 435/254.11,  
435/254.2, 435/320.1, 435/325, 435/348, 435/419, 435/69.1, 530/350, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |  Drawn | Drawn Desc | Image

## □ 25. Document ID: US 5712143 A

L18: Entry 25 of 33

File: USPT

Jan 27, 1998

US-PAT-NO: 5712143

DOCUMENT-IDENTIFIER: US 5712143 A

TITLE: Flea protease proteins, nucleic acid molecules, and uses thereof

DATE-ISSUED: January 27, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grieve; Robert B.	Ft. Collins	CO		
Rushlow; Keith E.	Ft. Collins	CO		
Hunter; Shirley Wu	Ft. Collins	CO		
Frank; Glenn R.	Wellington	CO		
Stiegler; Gary L.	Ft. Collins	CO		

US-CL-CURRENT: 435/212; 424/265.1, 514/830, 530/413
 Full  Title  Citation  Front  Review  Classification  Date  Reference  Sequences  Attachments  KWIC  Draw  Image

## □ 26. Document ID: US 5650154 A

L18: Entry 26 of 33

File: USPT

Jul 22, 1997

US-PAT-NO: 5650154

DOCUMENT-IDENTIFIER: US 5650154 A

TITLE: Protective antigens against disease pathogens

DATE-ISSUED: July 22, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Theresia Meeusen; Elza Nicole	Kensington, Victoria 3550			AU
Brandon; Malcolm Roy	Ivanhoe, Victoria 3079			AU
Bowles; Vernon Morrison	Malvern, Victoria 3144			AU
Walker; John	Balwyn, Victoria 3103			AU
Gorrell; Mark Douglas	Annandale, New South Wales 2038			AU

US-CL-CURRENT: 424/265.1; 424/245.1, 424/266.1, 530/350, 530/412
 Full  Title  Citation  Front  Review  Classification  Date  Reference  Sequences  Attachments  KWIC  Draw  Image

## □ 27. Document ID: US 5549898 A

L18: Entry 27 of 33

File: USPT

Aug 27, 1996

US-PAT-NO: 5549898

DOCUMENT-IDENTIFIER: US 5549898 A

TITLE: Immunogenic anaplasma marginale surface antigens, compositions, and methods of use

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McGuire; Travis C.	Pullman	WA	99163	
Palmer; Guy H.	Pullman	WA	99163	
Barbet; Anthony F.	Archer	FL	32618	
Davis; William C.	Pullman	WA	99163	

US-CL-CURRENT: 424/269.1; 424/265.1, 424/266.1, 424/270.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Email](#) | [Draw Text](#) | [Image](#) 28. Document ID: US 5356622 A

L18: Entry 28 of 33

File: USPT

Oct 18, 1994

US-PAT-NO: 5356622

DOCUMENT-IDENTIFIER: US 5356622 A

TITLE: Flea midgut-supernatant vaccines

DATE-ISSUED: October 18, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heath; Andrew W.	Menlo Park	CA		
Yamanaka; Miles	Redwood City	CA		
Arfsten; Ann	Fremont	CA		
Dale; Beverly	Los Altos	CA		

US-CL-CURRENT: 424/265.1; 514/830, 530/427, 530/858[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Email](#) | [Draw Text](#) | [Image](#) 29. Document ID: US 5344645 A

L18: Entry 29 of 33

File: USPT

Sep 6, 1994

US-PAT-NO: 5344645

DOCUMENT-IDENTIFIER: US 5344645 A

TITLE: Immunogens derived from pathogen-free tick species or cell lines, and tick vaccines derived therefrom

DATE-ISSUED: September 6, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wikel; Stephen K.	Stillwater	OK		

US-CL-CURRENT: 424/265.1; 424/184.1, 530/350[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Email](#) | [Draw Text](#) | [Image](#) 30. Document ID: US 5273884 A

L18: Entry 30 of 33

File: USPT

Dec 28, 1993

US-PAT-NO: 5273884

DOCUMENT-IDENTIFIER: US 5273884 A

TITLE: Polypeptides, antigens or vaccines protective against babesiosis

DATE-ISSUED: December 28, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gale; Kevin G.	Brisbane			AU
Waltisbuhl; David J.	Queensland			AU
Wright; Ian G.	Brisbane			AU
Goodger; Brian V.	New South Wales			AU

US-CL-CURRENT: 424/191.1; 424/266.1, 424/270.1, 435/69.1, 435/7.22, 530/350,  
530/388.1, 530/388.6, 536/23.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [RawC](#) | [Draw Desc](#) | [Image](#)

## □ 31. Document ID: US 5273744 A

L18: Entry 31 of 33

File: USPT

Dec 28, 1993

US-PAT-NO: 5273744

DOCUMENT-IDENTIFIER: US 5273744 A

TITLE: Vaccines for the protection of animals against theileria infection

DATE-ISSUED: December 28, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Musoke; Anthony J.	Kampala			UG
Nene; Vish	Cambridge			GB2
Iams; Keith	Pittsburgh	PA		
Nantulya; Vinand M.	Mbale			UG

US-CL-CURRENT: 424/191.1; 424/266.1, 424/269.1, 435/69.3, 530/350, 530/395, 530/806,  
536/23.7, 930/210

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [RawC](#) | [Draw Desc](#) | [Image](#)

## □ 32. Document ID: US 4891219 A

L18: Entry 32 of 33

File: USPT

Jan 2, 1990

US-PAT-NO: 4891219

DOCUMENT-IDENTIFIER: US 4891219 A

TITLE: Method for immunization against and treatment of infection by ectoparasites and endoparasites

DATE-ISSUED: January 2, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Karr, Jr.; Stephen L.	Davis	CA		
Benjamini; Elizer	Davis	CA		
Scibienski; Robert J.	Woodland	CA		
Grimes; Stephen	Davis	CA		

US-CL-CURRENT: 424/145.1, 424/151.1, 424/194.1, 424/195.11, 424/198.1, 424/265.1,  
514/12, 514/2, 514/885, 530/388.24, 530/388.6, 530/388.9, 530/399, 530/402, 530/403,  
530/808, 530/810, 530/811, 530/812, 530/816

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Revision](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Drawn Desc](#) | [Image](#)

33. Document ID: GB 2142334 A

L18: Entry 33 of 33

File: EPAB

Jan 16, 1985

PUB-NO: GB002142334A

DOCUMENT-IDENTIFIER: GB 2142334 A

TITLE: Immunogenic preparations

PUBN-DATE: January 16, 1985

INVENTOR-INFORMATION:

NAME

COUNTRY

DHADIALLA, TARLOCHAN SINGH

MANGO, CHRISTINE KAVIN

MONGI, ABDUL OMARI

VUNDLA, ROSALIND MARY WAHA

US-CL-CURRENT: 424/178.1, 424/184.1, 424/265.1, 424/266.1, 514/8

INT-CL (IPC): C07G 7/00; A61K 35/64

EUR-CL (EPC): A61K039/00; C07K014/435

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Revision](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KDDC](#) | [Drawn Desc](#) | [Image](#)

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Term	Documents
TICK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	8709
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(L15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33

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